

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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INVENTOR(S) : Chang-Soo Kim et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 7, Line 7

5. The file level striping method of claim [[4]] 1, wherein said step of allocation a physical block and said step of modifying the last disk ID value further comprising the steps of: requesting a file I/O operation; determining which logical block corresponds to the requested file 1/0 operation; requesting the volume manager or a lower level I/O system to perform said determined logical block I/O operation; performing an address mapping process in order to determine which disk and which physical block therein correspond to said logical block; performing I/O operation for the physical block determined to correspond to said logical block at the address mapping process; checking the value of the last disk ID of the mode corresponding to the file if physical block allocation turns out to be required since the logical block is used for the first time at the address mapping process; selecting the disk of a number next to the value of last disk ID if the value of the last disk ID turns out to be in the range from 0 to the number of the disks associated with the logical volume minus 1; performing physical block allocation referring to the free space bitmap of said selected disk; updating the mapping table with the allocation result and performing I/O operation for the file on the physical block; changing the value of the last disk ID if I/O operation on the physical block is completed; and performing I/O operations repeatedly on the physical block for the physical block allocation to be distributed uniformly across the whole disks.

Signed and Sealed this

Twenty-fifth Day of December, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office